



Patent  
Attorney Docket No. 021238-532

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Qinglin Li et al.

Application No.: 10/767,268

Filing Date: January 30, 2004

Title: SPRAY AND/OR SOIL TREATMENT OF TOBACCO TO REDUCE TSNAs

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: 3-16-04

By

Peter K. Skiff

Registration No. 31,917



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TOBACCO TO REDUCE TSNAs ))

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the document is / documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date 3-16-04

By: Peter K. Skiff  
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MAR 16 2004

# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

2

## **Complete if Known**

Application Number	10/767,268
Filing Date	January 30, 2004
First Named Inventor	Qinglin LI et al.
Examiner Name	Not Yet Assigned
Attorney Docket Number	021238-532

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
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## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	"Nitrites", <a href="http://ace.orst.edu/info/extroxnet/faqs/additive/preserca.htm">http://ace.orst.edu/info/extroxnet/faqs/additive/preserca.htm</a> (1997)
	Anna Wiernik et al., "Effect of Air-Curing on the chemical Composition of Tobacco", <i>Recent Adv. Tob. Sci.</i> , (1995), 21: 39-80.
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	Padma et al., "Anticarcinogenic effect of betel leaf extract against tobacco carcinogens", <i>Cancer Letters</i> , 1989 Jun; 45 (3): 195-202
	A.B. Weitberg et al., "Oxygen radicals potentiate the genetic toxicity of tobacco-specific nitrosamines", <i>Clinical Genet.</i> 1993 Feb; 43 (2): 88-91

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449A/PTO & 1449B/PTO MAR 16 2004

**FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	of	2	<b>Complete if Known</b>	
				<b>Application Number</b>	10/767,268
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				<b>Examiner Name</b>	Not Yet Assigned
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NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	T. Rundlof et al., "Potential nitrite scavengers as inhibitors of the formation of N-nitrosamines in solution and tobacco matrix systems", <i>Journal of Agricultural Food Chemistry</i> , 2000 Sep; 48 (9): 4381-8
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	Camia Borek, Ph.D., "Aging Gracefully with Antioxidants", from the March 1998 <i>Issue of Nutrition Science News</i>

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